

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A single valve to close an active control circuit for the pressure of a volume, wherein it is composed of a seat-(6) and an openwork semi-rigid membrane-(2) with one or several openings-(3) and which incorporates means to enable to successively adopt two stable positions.

2. (Currently Amended) A single valve to close an active control circuit for the pressure of a volume according to Claim 1, wherein the seat-(6) and bistable membrane-(2) are assembled such that the membrane-(2) in its first stable position prevents the circulation of fluid and in its second stable position allows the circulation of fluid.

3. (Currently Amended) A single valve to close an active control circuit for the pressure of a volume according to Claim 2, wherein the bistable membrane-(2) is openwork so as to create a difference in pressure on either side of the single valve-(1) during the circulation of a fluid.

4. (Original) A single valve to close an active control circuit for the pressure of a volume according to Claim 3, wherein it is activated by a difference in pressure upstream and downstream of the single valve.

5. (Currently Amended) A single valve to close an active control circuit for the pressure of a volume according to Claim 4, wherein the bistable membrane-(2) is made of a polymer.

6. (Currently Amended) A single valve to close an active control circuit for the pressure of a volume according to Claim 4, wherein the bistable membrane-(2) is made by stamping a metal sheet.

7. (Currently Amended) A single valve to close an active control circuit for the pressure of a volume according to Claim 4, wherein the bistable membrane-(2) is made by duplicate molding an elastomer onto a metallic core grid-(4 and 5).

8. (Currently Amended) Application of the single valve to close an active control circuit for the pressure of a volume according to claim 1 ~~any one of the above Claims~~, wherein the single valve-(1) is integrated into an inflation and deflation valve-(10).